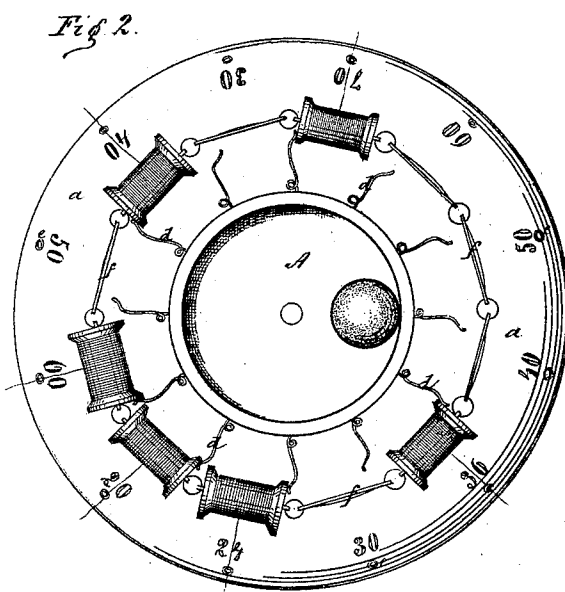
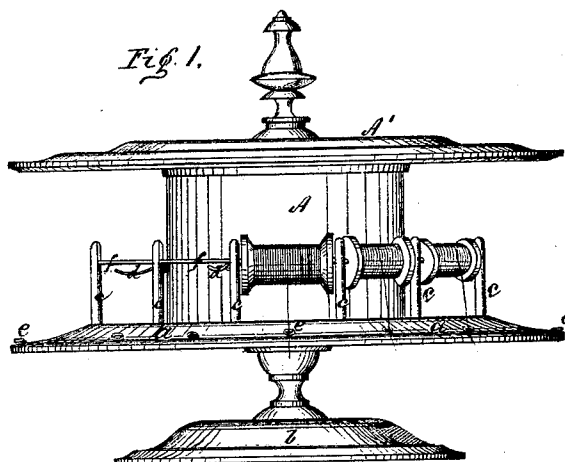


JOHN H. DRUM.

Improvement in Combined Spool-Stand and Button-Boxes.

Patented May 9, 1871.

114,537.



Witnesses.

H. J. Freetz
W. A. Petrus

John H. Drum, Inventor

by Geo. E. Brown,

his Attorney.

UNITED STATES PATENT OFFICE.

JOHN H. DRUM, OF BETHEL, MICHIGAN.

IMPROVEMENT IN COMBINED SPOOL-STANDS AND BUTTON-BOXES.

Specification forming part of Letters Patent No. 114,537, dated May 9, 1871.

To all whom it may concern:

Be it known that I, JOHN H. DRUM, of Bethel, Branch county, Michigan, have invented an Improved Spool-Stand and Button-Box, of which the following is a specification.

This invention is intended for the use of hand-sewers, and has for its object to hold spools of thread of different numbers upon a revolving stand, so that any one of the spools may be readily brought within easy reach of the operator, each spool being subject to the action of a separate tension device, so as to keep the thread from unwinding too much, and the stand being combined with a cylindrical box that serves to hold buttons, pins, needles, &c.

Referring to the drawings, in which Figure 1 is a side elevation, and Fig. 2 a horizontal section, *a* is a wooden rotatory disk, pivoted at its center upon the top of a standard, *b*, and supporting a circular row of vertical pins, *c*, placed far enough apart to admit of spools being inserted between them lengthwise, the spools being mounted on wires *f*, passed

through their central orifices, which wires rest at their ends in recesses cut in the tops of the pins *c*, whence they are removable. Tension-arms *d*, projecting from the outside of the button-box *A*, bear upon the spools, and as the threads also pass through coiled wires *e*, secured to the disk *a* in front of the spools, the latter are by these devices prevented from discharging too much thread. The box *A* is secured to the top of the disk *a*, and is concentric therewith, and has a cover, *A'*, that extends over the spools and protects them from dust. On the beveled edge of the disk *a*, in front of each spool-space, are painted the figures that indicate the number of spool for that space.

I claim as my invention—

The disk *a*, provided with pins *c* and tension-coils *e*, and combined with wires *f* and tension-arms *d*, as described.

JOHN H. DRUM.

Witnesses:

DAVID N. GREEN,
S. H. AVERILL.